

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

 Form PTO-1449 (Modified)
 Use several sheets if necessary)

COMPLETE IF KNOWN

Application Number	10/526,252
Confirmation Number	NA
Filing Date	February 24, 2005
First Named Inventor	Thomas D. Fountain
Group Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket No.	36321-8024.US01



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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
		4,386,416		Giltner	05/31/83	
		4,964,164		Fiat, Amos	10/1990	
		5,222,133		Chour et al.	10/17/91	
		5,557,712		Guay	02/16/94	
		5,734,744		Wittenstein	06/07/95	
		5,764,235		Hunt et al.	3/25/96	
		5,828,832		Holden et al.	10/27/98	
		5,848,159		Collins et al.	12/1998	
		5,923,756		Shambroom, W. David	7/1999	
		6,061,448		Smith et al.	5/2000	
		6,012,198		Anigbogu	02/01/00	
		6,073,242		Hardy et al.	06/06/00	
		6,081,598		Dai, Wei	06/2000	
		6,081,900		Subramaniam et al.	06/2000	
		6,098,096		Bayeh et al.	08/01/00	
		6,105,012		Chang et al.	8/2000	
		6,202,157		Brownlie et al.	03/13/01	
		6,154,542		Crandall	11/28/00	
		6,216,212		Challenger et al.	04/2001	
		6,233,565		Lewis et al.	05/2001	
		6,396,926		Takagi, et al.	05/2002	
		6,397,330		Elgamal et al.	05/28/02	
		6,477,646		Krishna, et al.	11/2002	
		6,578,061		Aoki, et al.	06/2003	
		6,587,866		Modi et al.	07/01/03	
		6,598,167		Devine et al.	7/2003	

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6,621,505		Beauchamp	09/16/03	
6,757,823		Rao, et al.	06/2004	
6,763,459		Corella, Francisco	07/2004	
6,874,089		Dick et al.	03/2005	
6,886,095		Hind et al.	4/2005	
6,963,980		Mattsson	11/16/00	
6,990,660		Moshir et al.	1/24/06	
* 10/850,827		Koyfman	05/20/04	
* 11/236,046		Metzger et al.	09/26/05	
* 11/236,294		Metzger et al.	09/26/05	
* 11/236,061		Metzger et al.	09/26/05	
2002/0012473		Kondo et al.	9/30/1997	
2002/0073232		Hong et al.	06/13/02	
2002/0112167		Boheh et al.	10/02/02	
2002/0016911		Chawla et al.	07/09/01	
2002/0039420		Schacham et al.	06/08/01	
2002/0066038		Mattsson	11/29/00	
2002/0087884		Shacham et al.	06/08/01	
2003/0014650		Freed et al.	01/16/03	
2003/0065919		Albert et al.	4/2003	
2003/0097428		Afkhami	05/22/03	
2003/0101355		Mattsson	12/28/01	
2003/0123671		He et al.	07/03/03	
2003/0156719		Cronce	02/21/02	
2003/0197733		Beauchamp	09/23/03	
2003/0204513		Bumbulis	10/30/03	

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/Sarah Su/		2004/0015725		Boneh et al.	07/24/02	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent or Application			Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	NUMBER	Kind Code (if known)			
*	WO		01/03398		IBM Corp and IBM UK Limited	01/11/2001	
*	WO		02/101605		Godfrey et al.	12/19/02	

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
	1.	Alteon Web Systems: "The Next Step in Server Loading Balancing" November 1999, Retrieved from the Internet: <u>URL: http://www.nortelnetworks.com/products/library/collateral/intel_int/webworking_wp.pdf</u> , Retrieved on March 2, 2004; pages 4-11.	
	2.	Alteon Web Systems: "Networking with the Web in Mind" May 1999, Retrieved from the Internet: <u>URL: http://www.nortelnetworks.com/products/library/collateral/intel_int/webworking_wp.pdf</u> , Retrieved on March 2, 2004; page 1, pages 3-7.	
	3.	Boneh, D., "Twenty Years of Attacks on the RSA Cryptosystem," Notices of the AMS, Vol 46, No. 2, pp. 203-213, 1999	
	4.	Boneh, et al., "An Attack on RSA Given a Small Fraction of the Private Key Bits," ASIACRYPT '98, LNCS 1514, pp. 25-34, 1998	
	5.	Boneh, et al., "Cryptanalysis of RSA with Private Key d Less than $N^{0.292}$," (extended abstract), 1999	
	6.	Boneh, et al., "Efficient Generation of Shared RSA Keys," (extended abstract)	
	7.	Durfee, G., et al., "Cryptanalysis of the RSA Schemes with Short Secret Exponent from Asiacypt '99," ASIACRYPT 2000, LNCS 1976, pp. 14-29, 2000	

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	8.	Fiat, A. "Batch RSA, (digital signatures and public key krypto-systems)" Advances in Cryptology - Crypto '89 Proceedings 20-24 August, 1989, Springer-Verlag	
	9.	Großschädl, J., et al., "The Chinese Remainder Theorem and its Application in a High-Speed RSA Crypto Chip," 2000	
	10.	Herda, S., "Non-repudiation: Constituting evidence and proof in digital cooperation," Computer Standards and Interfaces, Elsevier Sequoia, Lausanne, CH, 17:1 (69-79) 1995.	
	11.	Immerman, N., "Homework 4 with Extensive Hints," 2000	
	12.	Menezes, A., et al., "Handbook of Applied Cryptography," 1996 CRC Press, pp. §8.2-8.3 and §14.5	
	13.	Netscape; "Netscape Proxy Server Administrator's Guide, Version 3.5 for Unix"; February 25, 1998; Retrieved from the Internet.	
	14.	Oppliger, R.; "Authorization Methods for E-Commerce Applications"; 1999	
	15.	RSA Laboratories: "PKCS #7: Cryptographic Message Syntax Standard, Version 1.5," RSA Laboratories Technical Note, pp. 1-30, November 1, 1993.	
	16.	RSA "PKCS #1 v2.0 Amendment 1: Multi-Prime RSA," 2000	
	17.	"Security Protocols Overview (An RSA Data Security Brief)"; RSA Data Security, 1999, http://www.comms.scitech.susx.ac.uk/fft/crypto/security_protocols.pdf , pages 1-4.	
	18.	Schacham, H., et al., "Improving SSL Handshake Performance via Batching," Topics in Cryptology, pp. 28-43, 2001.	
	19.	Shand, M., et al., "Fast Implementations of RSA Cryptography," 1993	
	20.	Sherif, M.H., et al., "SET and SSL: Electronic Payments on the Internet," IEEE, pp. 353-358 (1998)	

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	21.	Stallings, W., "IP Security," Network Security Essentials, Applications and Standards, Chapters 6 and 7, pp. 162-223, 2000	
	22.	Takagi, T., "Fast RSA-Type Cryptosystem Modulo p^kq ," 1998	
	23.	Takagi, T., "Fast RSA-Type Cryptosystems Using N-Adic Expansion," Advances in Technology - CRYPTO '97, LNCS 1294, pp. 372-384, 1997	
	24.	Wiener, M., "Cryptanalysis of Short RSA Secret Exponents," 1989	

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